

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA686SW

This Certificate issued to Sierra Industries, Inc.,
a Texas Corporation
Garner Field Road
Uvalde, TX 78801

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4b/9 of the Civil Air Regulations.

Original Product Type Certificate Number: A1SW and LTC 13

Make: Sierra (Howard) and Lockheed Aircraft Corp.

Model: 500 and PV-1

Description of Type Design Change:

Installation of Pratt and Whitney R2800-CB16 engine power ratings with 100/130 grade fuel and cabin compressor automatic disconnect according to The Dee Howard Company Drawing List 14-0866-700 Revision C dated 8/8/74.

Increase gross weight to 34,575 pounds with cabin compressor disconnect system for Howard Model 500 according to The Dee Howard Report R-13-02 dated December 1966.

Limitations and Conditions:

The following FAA Approved Airplane Flight Manual Supplements are required:

1. Dated September 12, 1966, is required with Howard Model 500.
2. Dated September 13, 1966, is required with Lockheed Model PV-1.
3. Dated March 7, 1967, is required for Howard Model 500 for increase gross weight.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 25, 1966

Date reissued: December 01, 1999

Date of issuance: September 12, 1966

Date amended: 3/29/67; 9/6/74
Revision 2



By direction of the Administrator

Michele M. Owsley
(Signature)

Michele M. Owsley, Manager
Airplane Certification Office,
Southwest Region

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer the ownership of Supplemental Type Certificate Number _____

(Address of transferee) _____ (Number and street) _____

(Number and street)

(City, State, and ZIP code)

(Address of grantor) _____ (Number and street)

(Number and street);

(City, State, and ZIP code)

Signature of grantor (In ink): _____